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भारत का राजपत्र

The Gazette of India

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PUBLISHED BY AUTHORITY

सं० २। नई विल्सो, शनिवार, जनवरी ११, १९८६ (पौष २१, १९०७)

No. 2] NEW DELHI, SATURDAY; JANUARY 11, 1986 (PAUSA 21, 1907)

इस भाग में मिस्र पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड २

[PART III—SECTION 2]

(रक्षा मंत्रालय को छोड़कर) भारत सरकार के मंत्रालयों और उच्चतम न्यायालय द्वारा जारी की गई सरकारी अफसरों की नियुक्तियों, पदोन्नतियों, छुट्टियों आदि से सम्बन्धित अधिसूचनाएं
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Calcutta, the 11th January 1986

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CORRIGENDUM

I

In the Gazette of India, Part III, Section 2, dated 20-7-1985, in page 577, column 1, under the heading "Cessation of Patents":

Delete No. 121187 & 121684.

II

In the Gazette of India, Part III, Section 2, dated 3-8-1985, in page 611, column 2, under the heading "Cessation of Patents":

Delete Nos : 123431, 123498, 123511, 123522, 123679, 123908, 123929, 124039 & 124352.

III

In the Gazette of India, Part III, Section 2, dated 10-8-1985, in page 625 in column 1, under the heading "Cessation of Patents":

Delete Nos. 124372 & 123500.

IV

In the Gazette of India, Part III, Section 2, dated 17-8-1985, in page 639, in column 1, under the heading "Cessation of Patents":

For No. Read No.

127700 127709

Delete Nos. 126351, 127283, 127327, 127635.

In column 2 : Delete Nos. 128495, 128951 & 129289.

V

In the Gazette of India, Part III, Section 2, dated 24-8-1985, in page 651, column 1, under the heading "Cessation of Patents":

For Nos. Read Nos.

131789	131989
131909	131908
131927	131924

And

Delete No. 129846.

APPLICATION FOR PATENT FILED AT THE HEAD OFFICE 214, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-17

The date shown in brackets are the dates claimed under Section 135, of the Act.

4th December 1985

865/Cal/85. Beloit Corporation. Flexible Link Disk Drive for Multiple Disk Refiner.

866/Cal/85. Mitsui Toatsu Chemicals, Incorporated. Copolymerization Process of Propylene. (12th December, 1984) Japan.

867/Cal/85. The Lubrizol Corporation. Compositions for use in alcohol and alcohol containing fuels. [Divisional dated 20th January, 1983].

868/Cal/85. Precist Power Corporation. Improved Synchronous A. C. Motor.

869/Cal/85. Westinghouse Electric Corporation. Improvements in or relating to programmable controller system with failure indicator.

870/Cal/85. RCA Corporation. Color picture tube having an inline electron gun with built-in stigmator. (13th February, 1985) Canada.

871/Cal/85. Walter Sticht. Method and apparatus for extracting individual parts from a conveyor.

5th December, 1985

872/Cal/85. Dr. Binod Kumar Varma. Determining quantitatively the total reducing polyphenol content of a plant material in terms of percentage quercitanic acid.

873/Cal/85. "NEYRPIC". Butterfly Valve with double seal.

874/Cal/85. Nordspace Aktiebolag. Satellite/Hybrid Television System.

875/Cal/85. Heinrich Huss. A driving and steering device.

876/Cal/85. Heinrich Huss. A car body.

877/Cal/85. Plant Genetics, Inc. Coating Hydrogel Capsules. (30th January, 1985) Canada.

6th December, 1985

878/Cal/85. Rijksuniversiteit Utdecht. A method for neutralizing waste sulfuric acid by adding a silicate.

879/Cal/85. Kortec AG. Apparatus for heating charging material.

880/Cal/85. Huffy Corporation. Frame joint construction for bicycles and the like.

881/Cal/85. Huff Corporation. Apparatus for assembling a bicycle frame.

882/Cal/85. Madan Mohon Uarui. Improvements in or relating to rice hulling machines.

883/Cal/85. Austpac Housing Corporation Pty. Limited. Building system and portable masonry plant suitable therefor.

9th December, 1985

884/Cal/85. Mr. Pravat Kumar Mukherji. High efficiency in-line Ultra Filtration Equipment herein ULTRAPURE FILTER for fluids like Water, Air, Oil and Liquid suitable for drinking water, sterile air and sterile liquid free of Bacteria, Bacteriophages and viruses in the dimension range of 1 to 0.002 microns.

885/Cal/85. Voest-Alpine Aktiengesellschaft. Device for spraying cooling liquid from the nozzles of a cutting head.

886/Cal/85. RCA Corporation. Color picture tube having improved slit column pattern. (15th May, 1985) Canada.

887/Cal/85. RCA Corporation. Perturbation of the mask aperture spacing for improved mask curvature. (22nd May 1985) Canada.

888/Cal/85. Siemens Aktiengesellschaft. Data network interface module.

889/Cal/85. Chicago Pneumatic Tool Company. A portable power tool of an impulse type.

10th December, 1985

890/Cal/85. Societe D' Applications Generales D' Electricite Et De Mecanique Sagem. A device for selectively feeding step by step in two opposite directions, more particularly for moving a strip.

891/Cal/85. Bryan John Davies and Geoffrey Phillip Danes. Improved Continuous Combustion Engine. (10th December, 1984) Australia.

892/Cal/85. Extraction De Smet. Apparatus for treating, e.g. Deodorizing, oil and similar material.

11th December, 1985

- 893/Cal/85. Laboratoires Boiron. Manufacturing chain for homeopathic medicaments, particularly for the impregnation of granules or pellets.
- 894/Cal/85. Ross Operating Valve Company. Improved inline poppet valve. [Addition to No. 83/Cal/85 dated 7th February, 1985].
- 895/Cal/85. Mr. Daya Ranjith Senanayake. Squared Circle Box for packaging and other uses.

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, MUNICIPAL MARKET BUILDING, THIRD FLOOR, KAROL BAGH, NEW DELHI-5

25th November, 1985

- 986/Del/85. Ashok Kumar Gupta, "Time plug".
- 987/Del/85. The Lubrizol Corporation, "Low phosphorus and sulfur-containing lubricating oils".
- 988/Del/85. Mineral Deposits Ltd., "Splitter assembly". (Convention date 30th November, 1984) (Australia).
- 989/Del/85. Velsicol Chemical Corporation, "6-amino-2-ethylthio-4-pyrimidinol as a citrus ripener".

26th November, 1985

- 990/Del/85. Arun Prakash, "Electrical/Electronic type writer cartridge refilling device".
- 991/Del/85. Arun Prakash, "Foolproof anti theft device".
- 992/Del/85. Arun Prakash, "Safe side indicators for four wheelers".
- 993/Del/85. PPG Industries, Inc., "Coated article for reflectance of solar energy".
- 994/Del/85. Sanden Corporation, "Axial sealing mechanism for a scroll compressor".
- 995/Del/85. Morgan Construction Co., "Rolling mill roll stand with hydraulic position control".
- 996/Del/85. Colgate Palmolive Company, "Antistatic built synthetic organic detergent composition".
- 997/Del/85. Champion Spary Plug Europe S.A., "Connector for wiper blades".
- 998/Del/85. Colgate Palmolive Company, "Concentrated stable non aqueous fabric softener composition".

28th November, 1985

- 999/Del/85. M&T Chemicals Ins., "Coating hood with air flow guide for minimizing deposition of coating compound on finish of containers".
- 1000/Del/85. Sulzer Brothers Limited, "A device for storing filamentous material".

- 1001/Del/85. D. H. Haden Ltd., "Electrical socket apparatus".

(Convention date 5th February, 85 & 3rd August, 85) (U.K.).

- 1002/Del/85. Glaverbel, "Forming refractory masses and composition of matter for use in forming such refractory masses".

(Convention date 26th January, 1985) (U.K.).

- 1003/Del/85. Thomson-CSF, "A process for adapting the post integration in a switched pulse repetition frequency radar and a circuit implementing this process".

29th November, 1985

- 1004/Del/85. Council of Scientific and Industrial Research, "A process for the production of ammonia by photo catalytic reduction of molecular nitrogen".
- 1005/Del/85. Council of Scientific and Industrial Research, "A process for the photocatalytic decomposition of water into hydrogen and oxygen".
- 1006/Del/85. Collexip, "Apparatus to transfer fluid between a fixed structure and a rotatable structure by using at least one flexible conduit".
- 1007/Del/85. The M. W. Kellogg Company, "Oxidative removal of hydrogen sulfide from gas streams".
- 1008/Del/85. Ex-Cell-O Corporation, "Carton forming sterilizing filling and sealing machine".
- 1009/Del/85. Dorr Oliver Incorporated, "Electrofilter using an improved electrode assembly".
- 1010/Del/85. The Standard Oil Company, "Semirigid photovoltaic module assembly and structural support therefore".
- 1011/Del/85. Fuller Company, "Process and apparatus for calcining gypsum".

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, AT TODI ESTATES, THIRD FLOOR, SUN MILL COMPOUND, LOWER PAREL (WEST), BOMBAY-400 013

1st November, 1985

- 303/Bom/1985. Ravi Prakash Agrawal and Sunil Agrawal. An improved sheetfed offset Printing Machine.

11th November, 1985

- 304/Bom/1985. Kishorilal Munshi & Kirti Trivedi. Electro-nic light aperture control device for filter, shutter and the like used in cameras and the like.
- 305/Bom/1985. Babubhai Kanthal Doshi. Stem type safety thermal cut out improvised with manual reset.
- 306/Bom/1985. Hindustan Tool Industries. An improved wire stripper/cutter.
- 307/Bom/1985. Smt. Manju Agrawal. Improved cigarette with air point.

14th November, 1985

- 308/Bom/1985. Kambyan Valappil Radhakrishnan Nair. Remote Control Audio Electric Switches.
- 309/Bom/1985. Kambyan Valappil Radhakrishnan Nair. Anti-Foul Guard for suitcase Locking.
- 310/Bom/1985. Kambyan Valappil Radhakrishnan Nair. Solar Energy Intensifier.

15th November, 1985

- 311/Bom/1985. Arvind Harjivan Das Mistry. A bulb Replacement rod.

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, 61, WALLAJAH ROAD, MADRAS-600 001

18th November, 1985

- 914/Mas/85. P. P. S. Pillai. A process for the production of a coagulant utilising the liquid effluent from sulphate route titanium dioxide plant.
- 915/Mas/85. Festo K. G. Pneumatic or hydraulic piston/cylinder assembly. (October 1, 1985, Great Britain).
- 916/Mas/85. Snamprogetti S.p.A. Process for selectively removing hydrogen sulphide from gaseous mixtures containing also carbon dioxide.

917/Mas/85. Snamprogetti S.P.A. Process for the selective removal of hydrogen sulphide from gaseous mixtures also containing carbon dioxide.

918/Mas/85. Owens-Illinois, Inc. Coextruded multilayer sheet and tough sleeve label made therefrom.

919/Mas/85. Owens-Illinois, Inc. Coextruded multilayer sheet and sleeve label made therefrom.

920/Mas/85. Owens-Illinois, Inc. Coextruded multilayer sheet and sleeve label for bottles.

921/Mas/85. Institut Francais Du Petrole & Societe Chimique Des Charbonnages. An improved process for the production of an ethylene/1-butene copolymer through polymerization of ethylene.

19th November, 1985

922/Mas/85. C. Kalachari. A device for carrying goods and people across a stretch of water using buoyancy of water.

923/Mas/85. C. Kalachari. A device for lifting objects using sea-waves.

924/Mas/85. M. N. Narayanan. "LEPCHA"—Abbreviated form for the words Lowest Electrical Power Consumptive Heating Apparatus.

925/Mas/85. P. Govindasamy. A mountable cooling die for use with a heating die of a plastic extrusion system.

926/Mas/85. Carburetors Limited. A fuel lift pump for use in automobiles.

927/Mas/85. Societe des Produits Nestle S.A. Carbonation agent.

928/Mas/85. Maschinenfabrik Rieter AG. Device for removing individual textile bobbin tubes from a container.

929/Mas/85. Aluminium Pechiney. Process for effecting seeding in two phases for producing large-grain alumina.

930/Mas/85. Charbonnages De France. Sectorial Spinkling Device for coal mining.

931/Mas/85. Beton-Es Vasbetonipari Muvek. Apparatus and method for producing concrete elements.

932/Mas/85. Hugh Patrick Christie. Tea Bag with a protective cover. (November 20, 1984; Australia).

933/Mas/85. K. and K. Holdings Pty. Ltd. Solar Water Heater. (November 19, 1984; Australia).

20th November, 1985

934/Mas/85. Schubert & Salzer Maschinenfabrik Aktiengesellschaft. An open and spinning apparatus.

935/Mas/85. Echubert & Salzer Maschinenfabrik Aktiengesellschaft. A method and device for friction-spinning.

936/Mas/85. Schubert & Salzer Maschinenfabrik Aktiengesellschaft. An open-end spinning process and device.

937/Mas/85. Schubert & Salze Maschinenfabrik Aktiengesellschaft. An open-end spinning device.

938/Mas/85. Festo KG. Oscillating Piston Motor. (October 3, 1985; United Kingdom).

939/Mas/85. Ruhrgas Aktiengesellschaft. Skid System for carrying a furnace charge.

940/Mas/85. Amsted Industries Incorporated. Friction Shock Pocket Wear Relief.

941/Mas/85. Velcro USA Inc. Method and apparatus for adapting separable fasteners for attachment to other objects.

21st November, 1985

942/Mas/85. M. A. N. Maschinenfabrik Augsburg-Murnberg Aktiengesellschaft. Low-energy process for the production of synthesis gas (syngas), with a high methane content. (September 25, 1985; Australia).

943/Mas/85. Snamprogetti S.p.A. A catalytic process for producing fuel mixtures of methanol and higher alcohols. (Divisional to Patent Application No. 1403/Cal/82).

944/Mas/85. Steridose Systems AB. A container.

945/Mas/85. A B right & wilson Limited. Improvements Relating to Biotransformation Reactions.

22nd November, 1985

946/Mas/85. Schubert & Salzer Maschinenfabrik Aktiengesellschaft. An open-end spinning process and device.

947/Mas/85. Mitsubishi Denki Kabushiki Kaisha. Dead tank type gas circuit breaker.

948/Mas/85. Kontiki Chemicals & Pharmaceuticals (P) Ltd. Process for the preparation of reactive component from coconut shell derivative.

25th November, 1985

949/Mas/85. Preformed Line Products Company. A Splice Case. (Divisional to Patent Application No. 1513/Cal/82).

950/Mas/85. Saint-Gobain Vitrage. Coating layer having self-healing properties for window panes, notably those exposed to effects of the atmosphere.

26th November, 1985

951/Mas/85. Union Carbide Corporation. Improved method for replacing PCB-containing coolants in electrical induction apparatus with substantially PCB-free dielectric coolants.

952/Mas/85. Homestake Mining Company. Gold recovery process.

28th November, 1985

953/Mas/85. Palanisamy Govindasamy. A mountable cooling die for use with a heating die of a plastic extrusion system and a process for the manufacture of a plastic article thereby.

954/Mas/85. Shell Internationale Research Maatschappij B.V. Process and apparatus for the short-path vacuum distillation of a liquid hydrocarbon mixture.

955/Mas/85. Stamicarbon B.V. (Licensing subsidiary of DSM). Polyamide Resin compositions.

956/Mas/85. Stamicarbon B.V. (Licensing subsidiary of DSM). Polyamide Resin Compositions.

957/Mas/85. Stamicarbon B.V. (Licensing subsidiary of DSM). Polyamide Resin Compositions.

958/Mas/85. Kostech International Limited. Apparatus for coating internal surfaces of curved conduits.

959/Mas/85. Owens-Illinois, Inc. Process for applying copolyester barrier layer on polyester container.

960/Mas/85. Gas Services Offshore Limited. Secondary life support system.

961/Mas/85. Iwasaki Electric Co., Ltd. Metal vapor discharge lamp and method of producing the same.

29th November, 1985

962/Mas/85. T. Sivasubramanian. Battery operated flying model toy aeroplane.

963/Mas/85. International Business Machines Corporation. Character recognition system.

964/Mas/85. International Business Machines Corporation. Ribbon guiding leader and printing apparatus incorporating same.

965/Mas/85. F. L. Smith & Co. Method of controlling the pulse frequency of a pluse operated electrostatic precipitator. (December 12, 1984; United Kingdom).

966/Mas/85. F. L. Smith & Co. A/S. A method of controlling intermittent voltage supply to an electrostatic precipitator. (December 12, 1984; United Kingdom).

967/Mas/85. V M L I "IFNIN". Method of controlling thermochemical treatment of workpieces in glow discharge in a treating gas medium and device which embodies this method.

968/Mas/85. Sobrevin Societe de brevets industriels-Etablissement. Delivery device for continuous threads.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form 14 prescribed under the Patents Rules, 197 before the expiry of the said period of four months, give notice to the Controller of Patents on the prescribed Form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

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CLASS : 160-A 157067

Int. Cl. : F 41 h 7/00.

LIGHT ARMOURED RECONNAISSANCE AND VEHICLE.

Applicant & Inventor : PAUL LEGUEU, 85 AVENUE DE MAZY-44380 PORNICHET, FRANCE.

Application No. 250/Cal/81 filed March 9, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

A light armoured reconnaissance and patrol vehicle comprising an armoured case supported by a chassis mounted on wheels, said case comprising two shells of substantially trapezoidal sectional shape, superposed on and assembled with each other, the upper shell being at least partly closed in the front of the vehicle, wherein the lower shell comprises a peripheral surrounding skirt formed by adjoining longitudinal walls and traverse walls which have inclinations differing from one another toward the interior of the vehicle, said skirt extending downwardly beyond the longitudinal side members and the cross-members of the chassis and including an upwardly extending inner flange which is hooked onto said longitudinal side-members where it is

fixed at a plurality of points by detachable assembling means with interposition of shockabsorbing means, said case being capable of being disassembled from the independent chassis carrying the driving means, the transmission means and shockabsorbing means so as to be replaced, if required, by a conventional body or vice versa, so that the vehicle is convertible with the use of the same chassis.

Compl. specn. 10 pages.

Drg. 2 sheets.

CLASS : 84-A: 88-E

157068

Int. Cl. : C 10 j 3/16; C 101 3/00, 9/06.

METHOD AND DEVICE FOR THE MANUFACTURE OF A GAS SUBSTANTIALLY CONTAINING CARBON MONOXIDE AND HYDROGEN GAS FROM A STARTING MATERIAL CONTAINING CARBON AND/OR HYDROCARBON.

Applicant : SKF STEEL ENGINEERING AB, OF P.O. BOX 202. S-813 00 HOFORS, SWEDEN.

Inventors : 1. SVEN SANTEN, 2. BORJE JOHANSSON.

Application No. 1358/Cal/81 filed November 30, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims

A method of manufacturing a gas containing carbon monoxide and hydrogen gas from a starting material containing carbon and/or hydrocarbon, in which the starting material is injected in powder or liquid form together with an oxidising agent and slag former into a combustion zone with simultaneous supply of heat energy, said combustion zone being formed in the lower part of a shaft filled with particulate, solid, carbonaceous material and sulphur-binding slag former.

Compl. specn. 9 pages.

Drg. 1 sheet.

CLASS : 66-B & D. 7

157069

Int. Cl. : F 21 I 7/00, 17/00.

A BULB-CUM-SWITCH TORCH.

Applicant : EASTERN CRAFT WORKS, 20, PRASANNA KUMAR TAGORE STREET, CALCUTTA-700 006.

Inventor : 1. SUJIT KUMAR SARKER.

Application No. 1297/Cal/81 filed November 20, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

66 Claims

A bulb-cum-switch torch wherein instead of having a separate switch for the torch the bulb is adapted to perform the double function of a switch as well as a light point for the torch characterised in that the bulb is movably fixed in a holder unit at one end of the battery and that there are provided connecting means so that by the movement of the bulb in the holder unit the circuit through the battery in the torch is made or broken to put the light at the bulb point 'on' or 'off'.

Compl. specn. 5 pages.

Drg. 1 sheet.

CLASS : 50-B: 63-F

157070

Int. Cl. : B 67 d 5/62.

A COOLANT CLEANING SYSTEM FOR A STACK OF FUEL CELLS IN A FUEL CELL POWER PLANT AND A PROCESS THEREFOR.

Applicant : UNITED TECHNOLOGIES CORPORATION, OF 1 FINANCIAL PLAZA, HARTFORD, CONNECTICUT 06101, UNITED STATES OF AMERICA.

Inventors : 1. ALBERT PARTICK GRASSO, 2. JOHN WILLIAM LANE.

Application No. 46/Cal/82 filed January 12, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims

A coolant cleaning system for a stack of fuel cells in a fuel cell power plant comprising :
 cooler means in heat exchange relationship to said cells;
 coolant loop means for carrying a recirculating flow of water as a coolant through said cooler means; characterized by —
 deaerator means for removing dissolved gases from water including a water reservoir;
 means for supplying make-up water to said reservoir;
 means for introducing blowdown from said coolant loop means into said reservoir;
 water purification loop means for removing dissolved and suspended solids from water;
 means for introducing deaerated water from said reservoir into said water purification loop means; and
 means for introducing the purified deaerated water from said purification loop means into said coolant loop means.

Compl. specn. 17 pages.

Drg. 1 sheet.

CLASS : 32-F₂C; 39-C

157071

Int. Cl. : C 01 c 1/00; C 01 c 127/00.

PROCESS FOR THE REMOVAL OF UREA, AMMONIA AND CARBON DIOXIDE FROM DILUTE AQUEOUS SOLUTIONS CONTAINING UREA, AMMONIA AND CARBON DIOXIDE.

Applicant : UNIE VAN KUNSTMESTFABRIEKEN B.V., OF MALIEBAAN 81, 3500 AA UTRECHT, THE NETHERLANDS.

Inventors : 1. PETRUS JOHANNES MARIE VAN NASSAU, 2. ADOLPHE MARIE DOUWES.

Application No. 189/Cal/82 filed February 18, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims

Process for the removal of urea, ammonia and carbon dioxide from dilute aqueous solutions containing urea, ammonia and carbon dioxide which are obtained as process condensates in coupled ammonia and urea syntheses by hydrolysis of urea into ammonia and carbon dioxide and desorption of ammonia and carbon dioxide, characterized in that process condensate poor in ammonia such as herein described is treated with steam in a reaction column of the type herein described at a pressure of 15–42 bar and a temperature of 00–320°C, a gas mixture containing ammonia, carbon dioxide and water is carried off from the top of the reaction column and an aqueous liquid containing 10 ppm or less each of urea, ammonia and carbon dioxide is carried off from the bottom of the reaction column.

Compl. specn. 13 pages.

Drg. 2 sheets.

CLASS : 53-C

157072

Int. Cl. : B 62 m 3/08.

LOCKABLE PEDAL ARRANGEMENTS.

Applicant : MASSEY-FERGUSON SERVICES N.V., OF ABRAHAM DE VEERSTRAAT 7A, CURACAO, NETHERLANDS ANTILLES.

Inventors : 1. JOHN LESLIE OLD, 2. GORDON PHILIP JENKINS, 3. DEREK J. BULLOCK.

Application No. 603/Cal/82 filed May 25, 1982.

Convention dated 4th June, 1981 (8117088) United Kingdom.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims

A lockable pedal arrangement for use in operating differential locks of vehicles such as tractors comprising an operating member movable between raised and depressed positions to perform a function, a pedal pivotally mounted on the operating member, latching means associated with the pedal, a latching formation engagable by the latching means on movement of the pedal to its depressed position and pivoting of the pedal relative to the operating member, and detent means acting between the pedal and the operating member to hold the pedal in its pivoted position relative to the operating member to maintain the latching means and latching formation in engagement and thus hold the operating member in its depressed position.

Compl. specn. 15 pages.

Drg. 4 sheets.

CLASS : 34-A

157073

Int. Cl. : C 08 g 53/16.

AN ABSORBENT THERMAL BONDED NONWOVEN FABRIC AND A PROCESS FOR PREPARING THE SAME.

Applicant : CHICOPEE, OF 317 GEORGE STREET, NEW BRUNSWICK, NEW JERSEY 08903, U.S.A.

Inventors : 1. PAUL FEKETE, 2. ALFRED THOMAS MAYS.

Application No. 744/Cal/82 filed June 25, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims

An absorbent, thermal bonded non-woven fabric having a bulk density below about 0.15 gram per cubic centimeter, said fabric comprising absorbent fibres and staple length conjugate fibres, said conjugate fibers being composed of polyethylene and polyester, wherein a substantial proportion of the surfaces of said conjugate fibers comprises said polyethylene.

Compl. specn. 19 pages.

Drg. 2 sheets.

CLASS : 32-Fab

157074

Int. Cl. : C 07 c 179/18.

IMPROVED PROCESS FOR PRODUCING PEROXYDICARBONATES.

Applicant : THE B.F. GOODRICH COMPANY, 277 PARK AVENUE, NEW YORK, NEW YORK 10017, UNITED STATES OF AMERICA.

Inventor : 1. KEITH LESLIE GARDNER.

Application No. 814/Cal/82 filed July 15, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims

In a process for the continuous production of peroxydicarbonates which comprises continuously reacting in one or more reaction zones in a chloroformate having the formula RO-C(O)-Cl, wherein R is an alkyl group containing from 3 to 16 carbon atoms, an aqueous hydrogen peroxide and an aqueous alkali metal hydroxide at a temperature in the range of 0° to 40°C, continuously decanting the reaction mixture through a gravity filtering zone into a separate zone wherein the mixture is separated into a liquid organic layer containing the reaction product and a water layer, decanting said liquid organic layer into a washing zone and washing the same with water, decanting into a second separation zone to separate the washed organic layer, the improvement comprises decanting said organic layer into an agitated aqueous solution containing from 0.5% to 10.0% by weight of an emulsifier, thereby forming an emulsion containing the peroxydicarbonate.

Compl. specn. 13 pages.

Drg. Nil.

CLASS : 39-M

157075

Int. Cl. : C 01 b 15/16, 25/30.

PROCESS AND DEVICE FOR MAKING ALKALI METAL PHOSPHATES BY SPRAYING ALKALI METAL PHOSPHATE SOLUTIONS OR SUSPENSIONS.

Applicant : HOECHST AKTIENGESELLSCHAFT, D-6230 FRANKFURT/MAIN 80 FEDERAL REPUBLIC OF GERMANY.

Inventors : 1. BEN DAMMAN, 2. JAN DRUVER, 3. HANS KINNEGING, 4. HANS SCHEFFER, 5. JAAP STAM, 6. PAUL DE WITTE.

Application No. 826/Cal/82 filed July 19, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims

Process for making alkali metal polyphosphates from feed materials selected from solutions or suspension of alkali metal phosphates by introducing the feed materials into the upper portion of a spray tower, spraying the feed materials inside said spray tower through a flame zone produced by a plurality of burners arranged in annular fashion characterised in that said process comprising putting the feed materials under a pressure of 6 to 66 bars by means of at least one pressure-increasing pump, and spraying the feed materials by forcing them under said pressure in the absence of highly tensioned gases as used in the prior art through a plurality of single opening nozzles, said single opening nozzles having bores 0.5 up to 5 mm wide disposed in their terminal surface areas.

Compl. specn. 14 pages.

Drg. 3 sheets.

CLASS : 32-A

157076

Int. Cl. : C 09 b 29/00.

PROCESS FOR PREPARING WATER-SOLUBLE AZO COMPOUNDS.

Applicant : HOECHST AKTIENGESELLSCHAFT OF D-6230 FRANKFURT AN MAIN 80, FEDERAL REPUBLIC OF GERMANY.

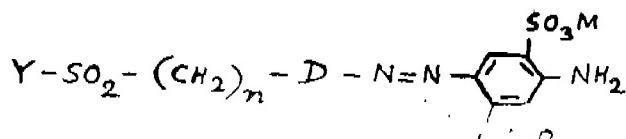
Inventors : 1. PETER MISCHKE, 2. LUDWIG SCHLAFFER.

Application No. 979/Cal/82 filed August 24, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

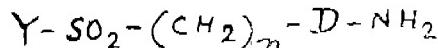
14 Claims

A process for preparing a water-soluble azo compound of the formula (1) of the accompanying drawings

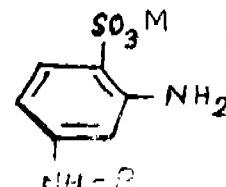


in which D is the phenylene radical which can be further substituted by one or two substituents from the group consisting of lower alkyl, lower alkoxy, hydroxy, lower alkanoylamino, benzoylamino, benzoylaminio substituted by lower alkyl, lower alkoxy, chlorine and/or sulfo, chlorine, bromine, fluorine and carboxy and/or by a nitro group and/or by a further group of the formula Y-SO₂(CH₂)_n, in which Y has the meaning mentioned below and n is here the number 1 or 2, or D is a propylidene radical which can be further substituted by one or two substituents from the group consisting of lower alkyl, lower alkoxy,

hydroxy, lower alkanoylamino, benzoylamino, benzoylaminio substituted by lower alkyl, lower alkoxy, chlorine and/or sulfo, chlorine, bromine, fluorine, carboxy and sulfo and/or by a nitro group, or D is the benzo-thiazol-2-yl radical which contains the indicated group of the formula Y-SO₂(CH₂)_n in the carbocyclic ring and can be further substituted in this benzene nucleus by a substituent from the group consisting of lower alkyl, lower alkoxy, hydroxy, lower alkanoylamino, benzoylamino, benzoylaminio substituted by lower alkyl, lower alkoxy, chlorine and/or sulfo, nitro, chlorine, bromine and sulfo, M is a hydrogen atom or an equivalent of a metal, R is the acyl group of an optionally substituted lower alkenoic acid, of an optionally substituted aromatic carboxylic acid, or an optionally substituted lower alkane-sulfonic acid, of an optionally substituted aromatic sulfonic acid or of a lower alkensulfonic acid, Y is the vinyl group or a group of the formula -CH₂-CH-Z in which Z denotes an inorganic or organic radical which can be eliminated under alkaline conditions, or the hydroxy group, and n represents the number zero, 1 or 2 which comprises diazotizing compound of the formula (2)



in which D, n and Y have the meanings mentioned above and coupling the diazotization product with a coupling component of the formula (3)



in which R and M have the meanings mentioned above to give an azo compound of formula 1.

Compl. specn. 39 pages.

Drg. 4 sheets.

CLASS : 104-K; 152-E.

157077

Int. Cl. : B 29 d 27/00; C 08 f 29/18.

A PROCESS OF MAKING A FOAM PRODUCT FROM CHLORINATED POLYVINYL CHLORIDE.

Applicant : THE B.F. GOODRICH COMPANY, 277 PARK AVENUE NEW YORK, NEW YORK 10017, U.S.A.

Inventors : 1. SAMUEL DONALD NEHMEY, 2. JAMES WILLIAM SUMMERS.

Application No. 1115/Cal/82 filed September 25, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims

A process of making a foam product from chlorinated polyvinyl chloride comprising the steps of incorporating into the chlorinated polyvinyl chloride 5 to 50 weight parts chlorofluoralkane containing 1 to 2 carbon atoms and 0.01 to 2 weight parts azodicarbonamide whereby a mixture is formed of the chlorinated polyvinyl chloride having distributed therein the chlorofluoralkane and the azodicarbonamide, heating the mixture, to a temperature above the boiling point of the blowing agent as hereinbefore described, and introducing the heated mixture into a zone of lower pressure as hereinbefore described whereby the chlorofluoralkane expands to form the foam product composed of numerous cellular structures throughout containing the chlorofluoralkane and retained nitrogen which being a decomposition product of azodicarbonamide, all amounts are based on 100 parts by weight of resin, the azodicarbonamide forms cell nuclei containing nitrogen as a decomposition product thereof which cell nuclei form expanded cells with chlorofluoralkane and the foam obtained has a density of less than 20 lbs/ft³, at least 60% of the cells in the foam are closed cells, and the cells are smaller than 500 microns.

Compl. Specn. 24 pages.

Drgs. Nil.

CLASS : 71-E.

157078

4 Claims

Int. Cl. : E 02 f 3/00.

POWER SHOVEL.

Applicant : O & K ORENSTEIN & KOPPEL AKTIEN-
GESELLSCHAFT, BERLIN OF BRUNSBUTTELER
DAMM 144-208, 1000 BERLIN, FEDERAL REPUBLIC
OF GERMANY.

Inventor : 1. KLAUS KLUCKER.

Application No. 1132/Cal/82 filed September 30, 1982.

Appropriate office for opposition proceedings (Rule 4,
Patents Rules, 1972) Patent Office, Calcutta.

4 Claims

A power shovel comprising, a carriage, a boom supported on said carriage for movement to lift and lower the boom, a hydraulically operated shoveling mechanism mounted at a front end of said boom away from said carriage for pivotal motion about a horizontal axis, a shovel connected to said shoveling mechanism, at least one cable pulley rotatably mounted to said shoveling mechanism, a cable hoisting gear engaged with said boom for moving said boom and having a cable reeved on said at least one cable pulley for moving said shoveling mechanism with movement of said hoisting cable, said shoveling mechanism including a shovel arm pivotally mounted to said boom and pivotally receiving said shovel, arm having at a rear end thereof facing said boom a bracket for carrying said at least one cable pulley, said at least one cable pulley being mounted at an upper end of said bracket, and a shovel jib pivotally mounted to said boom and pivotally receiving said bracket at a point on said bracket between said at least one cable pulley and said shovel.

Compl. Specn. 9 pages.

Drgs. 1 sheet.

CLASS : 65-B2.

157079

Int. Cl. : H 01 f 15/00, 17/04.

ELECTRICAL POWER TRANSFORMERS.

Applicant : WESTINGHOUSE ELECTRIC CORPORATION, OF WFSTINGHOUSE BUILDING, GATEWAY CENTER, PITTSBURGH, PENNSYLVANIA 15222, UNITED STATES OF AMERICA.

Inventor : 1. MICHAEL WILLIAM THOMAS.

Application No. 1216/Cal/82 filed October 16, 1982.

Appropriate office for opposition proceedings (Rule 4,
Patents Rules, 1972) Patent Office, Calcutta.

9 Claims

An electrical power transformer comprising :

a core member;

groups of sectioned low voltage windings and of high voltage windings which windings are inductively related to the core member;

a shunt of magnetic material between up to two groups of low voltage windings and the high voltage windings; and

each shunt comprising microlaminations of magnetic materials.

Compl. Specn. 8 pages.

Drgs. 4 sheets.

CLASS : 151-F.

157080

Int. Cl. : B 65 d 35/00.

A TUBE OF PLASTIC MATERIAL.

Applicant : SP PP TEA INDUSTRIES PVT. LTD. 20,
BRITISH INDIAN STREET, CALCUTTA-700 069, WEST
BENGAL, INDIA.

Inventor : 1. MAYANK KUMAR.

Application No. 1249/Cal/82 filed October 21, 1982.

Appropriate office for opposition proceedings (Rule 4,
Patents Rules, 1972) Patent Office, Calcutta.

A tube of plastic material comprising a tubular body which before it is filled in with the desired material is open at its base for introducing the material and can be sealed thereafter characterized by that at the opposite or outlet end of the tubular body is formed a stem which is integral with of the tube end projects from the upper wall of the tube, said stem including a thin walled tubular portion or stem in communication with the inside of the tube, said thin walled tubular portion being located between a lower collar on the upper wall or face of the tube and an upper collar in the stem, the stem extending above the said thin walled tubular portion and sealed at its upper end and wherein when the stem is turned or twisted the said thin walled tubular portion snaps to form an outlet and further characterised by that the stem portion above the thin walled tubular portion is extended to form a closing end whereby the separated stem can be used if necessary as a stopper to close the mouth or outlet, the said thin walled tubular portion, the collars, and the extended stem being all being formed as an integral part of the body of the tube.

Compl. Specn. 10 pages.

Drgs. 1 sheet.

CLASS : 49-F.

157081

Int. Cl. : A 21 b 1/28.

HEATING APPARATUS FOR CIRCULATORY-FIRING
OPEN BAKING FURNACES.

Applicant : ALUMINIUM PECHINEY, 69003 LYON, FRANCE.

Inventor : 1. JEAN-CLAUDE THOMAS.

Application No. 1265/Cal/82 October 23, 1982.

Appropriate office for opposition proceedings (Rule 4,
Patents Rules, 1972) Patent Office, Calcutta.

5 Claims

A heating apparatus for an open circulatory-firing baking furnace comprising hollow partitions (19, 25), within which flows a flow of combustion-supporting gas, and injection means (26, 29) for introducing a fuel into the flow of combustion-supporting gas, characterized in that at least one injection means (26, 29) is oriented in such a way as to direct a jet of fuel in counter-flow to the flow of combustion-supporting gas.

Compl. Specn. 17 pages.

Drgs. 2 sheets.

CLASS : 53-E.

157082

Int. Cl. B 62 k 19/18.

A PROCESS FOR THE PRODUCTION OF BICYCLE
FRAMES AND FORKS AS WELL AS TO THE BICYCLE
FRAMES AND BICYCLE FORKS PRODUCED BY THIS
PROCESS.

Applicant & Inventor : DETMAR GRUNFFELD, AT AM
BRUNNEN 24, D-4980 BILLENDE 1, BUNDES REPUBLIK
DEUTSCHLAND.

Application No. 1337/Cal/82 filed November 16, 1982.

Appropriate office for opposition proceedings (Rule 4,
Patents Rules, 1972) Patent Office, Calcutta.

14 Claims

A process for the production of bicycle frames and forks, characterized by the fact that tubes are laid up or inserted in a special arrangement, these being of specific lengths, in an injection molding device and at the point set out to be joined are sheathed with connecting sleeves of injection molded plastic in which regard the tubes that abut with their ends in the longitudinal direction against the walls of another tube have shaped end sectors.

Compl. Specn. 13 pages.

Drgs. 4 sheets.

CLASS : 90A, I. 157083

Int. Cl. : C03b 25/00.

"PROCESS FOR PRODUCING HEAT RADIATION FILTERS ADAPTED TO REFLECT PART OF HEAT RADIATION INCIDENT THEREON".

Applicant : ATUL GLASS INDUSTRIES (PVT.) LTD., AN INDIAN COMPANY OF 14/1, MILE STONE, MATHURA ROAD, FARIDABAD-121003, (HARYANA) INDIA.

Inventors : OMPRAKASH GULATI, LAKSHMI KANTA AGGARWAL, KRISHAN LAL & PREM PRAKASH GANDHI.

Application for Patent 683/Del/80 filed on 22nd September, 1980.

Complete specification left on 11th June, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-5

15 Claims

A process for producing heat radiation filters adapted to reflect part of heat radiation incident thereon, comprising the steps of pretreating a glass substrate for removing dirt and other foreign bodies adhering thereto or deposited thereon, applying on receiver surface of the substrate a coating composition by exposing the said surface to an atmosphere, mist or spray of the composition which composition is in the form of a solution containing at least one metalacetylacetone, the metal constituent of the same being selected from a first group consisting of aluminium, nickel, copper, chromium, manganese, iodium and palladium either singly or two or more together or comprising at least one metal of the first group along with at least one metal selected from the second group consisting of cobalt, chromium and iron, heating the substrate to a temperature of between 450° to 700°C for a such a period that the glass substrate has a uniform temperature and finally subjecting the glass substrate to tempering or annealing.

(Provisional specification 11 pages).

(Complete specification 23 pages).

CLASS : 90A, I. 157084

Int. Cl. : C03b 25/00.

"PROCESS FOR PRODUCTION OF HEAT RADIATION FILTERS CAPABLE OF REFLECTING A PART OF HEAT RADIATION INCIDENT THEREON".

Applicant : ATUL GLASS INDUSTRIES (PVT.) LTD., AN INDIAN COMPANY OF 14/1, MILE STONE, MATHURA ROAD, FARIDABAD-121003, (HARYANA) INDIA.

Inventors : OM PRAKASH GULATI, LAKSHMI KANTA AGGARWAL, KRISHAN LAL & PREM PRAKASH GANDHI.

Application for Patent No. 684/Del/80 filed on 22nd September, 1980.

Complete specification left on 11th June, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-5

19 Claims

A process for the production of heat radiation filters capable of reflecting a part of heat radiation incident thereon, particularly but not exclusively for use in buildings and vehicles comprising the steps of pretreating a glass substrate such as a sheet or plate of glass for removing foreign or direct particles deposited thereon or adhering thereto, applying a coating solution of a metal acetyl acetone on to at least the receiver or front surface of the glass substrate, the metal being selected from the group consisting of iron, chromium and cobalt singly or in any desired combination

heating the substrate to a temperature between 450° to 700°C till it attains a uniform temperature when the metal acetyl acetone decomposes and the oxides of the metal or metals is or are formed as a layer on the substrate and finally annealing or tempering the substrate.

(Provisional specification 10 pages).

(Complete specification 25 pages).

CLASS : 90A, I. 157085

Int. Cl. : C03b 25/00.

"PROCESS FOR PRODUCING HEAT RADIATION FILTERS ADAPTED TO REFLECT PART OF HEAT RADIATION INCIDENT THEREON".

Applicant : ATUL GLASS INDUSTRIES (PVT.) LTD., AN INDIAN COMPANY OF 14/1, MILE STONE, MATHURA ROAD, FARIDABAD-121003, (HARYANA) INDIA.

Inventors : OM PRAKASH GULATI, LAKSHMI KANTA AGGARWAL, KRISHAN LAL & PREM PRAKASH GANDHI.

Application for Patent No. 685/Del/80 filed on 22nd September, 1980.

Complete specification left on 25th September, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-5

15 Claims

A process for producing heat radiation filters adapted to radiate part of the heat radiation incident thereon comprising the steps of pretreating a glass substrate for removing dirt and other foreign bodies adhering thereto said step of pretreatment including chemical sensitization of the said substrate, by application thereto of a composition containing a tin salt introducing said treated glass substrate in a tank and applying a solution of a metal acetyl acetone by pouring the solution thereon, withdrawing the coated substrate from said tank heating it to a temperature between 450° to 700°C and thereafter, tempering or annealing the said substrate.

(Provisional specification 10 pages).

(Complete specification 22 pages).

CLASS : 10 A, D; 169 A. 157086

Int. Cl. F 41 f 17/16.

"RAMMER HEAD FOR A RAMMING UNIT".

Applicant : AKTIBOLOAGET BOFORS, A JOINT-STOCK COMPANY ORGANISED UNDER THE LAWS OF SWEDEN, OF S-691 80 BOFOS, SWEDEN.

Inventor : OLLE GUSTAVSSON : GORAN SUNDMAR.

Application for Patent No. 882/Del/80 filed on 9th December, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005

9 Claims

A rammer head for the ramming unit of a firearm comprising a nose section having an elongate trough and hinged connected thereto a tooth for engaging the rear surface of a projectile to ram it into the breech of the firearm, said trough having at its forward end adjacent the hinged connection with the tooth, force transmitting means which engage force transmitting means on said tooth when the latter is in the raised position so that the major portion of the reaction force of the projectile on the tooth as the projectile is rammed into said breech is transmitted direct to the trough of the rammer head and not via the hinged connection, said force transmitting means on said tooth comprising lugs and the force transmitting means on said trough comprising surfaces shaped in a complementary fashion to those of said lugs.

Complete specification 13 pages.

Drs. 2 sheets.

CLASS : 128G.

157087

Int. Cl. : A 61 b 17/322.

"A GRADING MEANS FOR USE WITH THE DEVICE FOR TESTING DERMOGRAPHISM."

Applicant : THE DIRECTOR, ALL INDIA INSTITUTE OF MEDICAL SCIENCES, ANSARI NAGAR, NEW DELHI-110 029, INDIA.

Inventor : JAGJIT SINGH PASRICHA.

Application for Patent No. 515/Del/1981 filed on 14th August, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005

3 Claims

A grading means for use with a device for testing dermographism which comprises at least a single plate member with a stepped upper surface and a flat lower surface having a slots in each step of said member extending from the upper to the lower surface, said slots being the longitudinal slots, the depth of each said slot being different from the depths of the other slots.

Compl. specn. 6 pages.

Drgs. 1 sheet.

CLASS : 128G.

157088

Int. Cl. A 61b 17/322.

"A DEVICE FOR TESTING THE PRESENCE OF DERMOGRAPHISM".

Applicant : THE DIRECTOR, ALL INDIA INSTITUTE OF MEDICAL SCIENCES, ANSARI NAGAR, NEW DELHI-110 029, INDIA.

Inventor : JAGJIT SINGH PASRICHA.

Application for Patent No. 516/Del/1981 filed on 14th August, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005

9 Claims

A device for testing the presence of dermographism comprising a housing having at the base an opening thereof, a yieldable stroker extending outwardly of said housing and through said opening, the terminating end of said stroker having a surface without any sharp edges, yieldable means being disposed within said housing and such as to allow an inward displacement of said stroker, and grading means provided in said stroker for grading the pressure applied by the terminating end of the stroker on a localized area of the skin of a patient.

Compl. Specn. 10 pages.

Drgs. 1 sheet.

CLASS : 206E & 168C.

157089

Int. Cl. : G01 h 1/06; G05 d 19/00, 7/06 and G08 C 19/00, 19/16.

"PRODUCT-TO-FREQUENCY CONVERTER".

Applicant : STOCK EQUIPMENT COMPANY, OF 731 HANNA BUILDING, CLEVELAND, OHIO 44115, U.S.A., A CORPORATION OF THE STATE OF OHIO, UNITED STATES OF AMERICA.

Inventor : ALLAIN FINET & LOUIS ROBERT NERONE.

Application for Patent No. 528/Del/1981 filed on 19th August, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005

7 Claims

A product-to frequency converter comprising :

first signal-generating means providing a continuous DC signal with a varying amplitude constituting a multiplicative value;

second signal-generating means providing a first periodic pulse signal whose frequency constitutes a multiplier value, the pulses constituting said first periodic pulse signal each being of predetermined duration;

multiplying means connected to the outputs of said DC signal and said first periodic pulse signal and providing a product value constituted by a second periodic pulse signal having a frequency equivalent to said first periodic pulse signal, a peak amplitude equivalent to said DC signal, and a pulse duration equivalent to said predetermined duration;

a voltage-controlled oscillator means having an input, and an output; and

means connected to the output of said multiplying means for providing a signal to the input of said voltage-controlled oscillator means output of said oscillator means providing a third periodic pulse signal proportional to said product value.

Compl. specn. 26 pages.

Drgs. 3 sheets.

CLASS : 26.

157090

Int. Cl. : C 02 C 1/26.

"SQUARE-SHAPED SETTLING TANK".

Applicant : DORR-OLIVER INCORPORATED, OF 77 HAVEMEYER LANE, STAMFORD, CONNECTICUT, UNITED STATES OF AMERICA, A CORPORATION ORGANIZED UNDER THE LAWS OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA, ENGINEERS.

Inventor : OLEAR JOHN.

Application for Patent No. 543/Del/1981 filed on 25th August, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005

9 Claims

A square-shaped settling tank for separating solids from a solids-liquid suspension, a feed supply inlet, a first outlet means at the top of the tank for discharging supernatant liquids separated from solids settled on the tank bottom, a second outlet means at the bottom of the tank for discharging said sludge, a rotary rake structure having rake arms effective to move solids over said tank bottom to said second outlet means and a supplemental corner sweep mechanism secured to said rotary rake structure for sweeping the corner areas of said tank bottom characterised in that said supplemental corner sweep mechanism comprises :

(a) a frame of triangular configuration suspended from and pivotally mounted to the outer end of said rotary rake structure with a corner sweep arm forming the base of said triangular frame and a pivot arm and a support arm for said pivot arm completing the sides of said triangular frame,

(b) said pivot arm and said support arm comprised of elongated watertight hollow members to provide buoyancy to said frame during movement thereof through a solids-liquid suspension over said tank bottom;

(c) guide roller provided at one end of said pivot arm;

(d) a control arm connected to said pivot arm for controlling movement of said pivot arm; and

(e) a tension spring means interconnected at one end to said control arm and at the opposite end to said rotary rake structure to urge said guide roller into contact therewith to insure wall surface of said tank and operable to move said pivot arm and said corner sweep arm into the corner areas of said tank bottom during rotation of said rotary rake structure.

Compl. specn. 13 pages.

Drgs. 2 sheets.

CLASS : 113 C.

157091

Int. Cl. : A24f 47/00.

"A PORTABLE IGNITING APPLIANCE FOR PRODUCING CANDLE WICK FLAME".

Applicants : GOPI KRISHAN KABRA, OF 506, SHAKUNTALA, 39, NEHRU PLACE NEW DELHI-110 019, INDIA, AN INDIAN NATIONAL.

Inventor : GOPI KRISHAN KABRA.

Application for Patent No. 547/Del/81 filed on 25th August, 1981

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005

10 Claims

A portable igniting appliance for producing candlewick flame comprising a cartridge or a portable cylinder containing liquified petroleum gas, an adaptor secured to the outlet of the said cartridge or portable cylinder, said adaptor having a passage communicating with the outlet of said cartridge or portable cylinder through a throttler, a nozzle body secured to the adaptor and having a nozzle passage communication with the passage of the said adaptor through a porous valve member, provided at the iutjet of the said adaptor passage the flow of the gas being controlled by the pressure exerted on said porous valve member through the nozzle body.

Compl. specn. 8 pages.

Drgs. 1 sheet.

CLASS : 136E.

157092

Int. Cl. B29c 23/00.

"A METHOD AND APPARATUS FOR PRODUCING COILS".

Applicant : TEXTIELTECHNIEK HAAKSBERGEN B.V. A BESLOTEN VENNOOTSCHAP INCORPORATED UNDER THE LAWS OF THE KINGDOM OF NETHERLANDS, F GOORSESTRAAT 17, NL-7480 AA HAAKSBERGEN, NETHERLANDS.

Inventor : GERRIT WILLEN EGERT LEUVELINK.

Application for Patent No. 559/Del 1981 filed on 31st August, 1981

Convention date 26-9-80/3001199 (U.K.).

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005

14 Claims

A method of producing a coil for use in the manufacture of a link belt comprising winding a strand of polymeric material onto a first section of a mandrel of a given cross-section to form a coil, heating the coil so formed whilst moving said coil longitudinally of said first section passing said heated coil through a zone in which it is cooled and twisted, in its coiled form, in a twist direction tending to reduce the cross-section of the coil, whilst supporting the coil by a second section of said mandrel of a reduced cross-section in comparison with said first section, and removing said coil from said mandrel overrent thereof.

Compl. specn. 15 pages.

Drgs. 3 sheets.

CLASS : 89 and 146C.

157093

Int. Cl. : G01p 15/00.

"HYDROSTATIC APPARATUS FOR DETERMINING 'g'".

Applicant : AMBRISH KATARA S/O SHRI P. S. KATARA, BAMRAULI KATARA, AGRA-3 INDIA, AN INDIAN NATIONAL.

Inventor : AMBRISH KATARA.

Application for Patent No. 575/Del/1981 filed on 7th September, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

5 Claims

A hydrostatic apparatus for determining 'g' prepared to be placed and graduated with a cathetometer and a stop watch comprising a tubular glass structure in the form of two or more parallel arms open at their upper ends and connected through transverse tubes just above blockades provided at their lower ends and about half filled with any nonvolatile and practically incompressible liquid, two cones pointing towards each other and holding one of the said arms vertically from both ends, a first clamp provided on a disc for fixing in position the upper one of said cones, said lower cone being fixed on said disc drivingly coupled with a shaft from the lower side of the disc, a motorised constant speed rotation device coupled through said shaft to said disc, a second clamp fixed on said disc for holding one of the outer arms of the said structure horizontally over said disc in a second position, the difference in heights of liquid columns in said arms being measured by said cathetometer, the speed being measured by means of said rotation device using said stop watch.

Compl. specn. 18 pages.

Drgs. 4 sheets.

CLASS 39 C&E.

157094

Int. Cl. : C01 b 21/14.

"PROCESS FOR PRODUCING HYDROXYLAMINE SULFATE".

Applicant : UBE INDUSTRIES LTD., FO 12-32, NISHI-HONMACHI 1-CHOME TIRE-SHI, YAMAGUCHI-KEN, JAPAN, A JAPANESE CORPORATION.

Inventors : KOHEI NINOMIYA, MITSUO IMAURA, HIDETO YAMANE AND MASAKI KASHIBE.

Application for Patent No. 585/Del/1981 filed on 11th September 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

8 Claims

A process for producing hydroxylamine sulfate comprising : bringing a feed gas containing nitrogen oxides into contact with an aqueous solution of acid ammonium sulfite to prepare an aqueous solution of hydroxylamine diammonium sulfonate, and:

Subjecting in any known manner said hydroxy hydroxylamine diammonium sulfonate to hydrolysis procedure.

Compl. 13 pages.

Drgs. 1 sheet.

CLASS : 85-S.

157095

Int. Cl. : C 10 1 10/02.

PROCESS FOR THE PRODUCTION OF SPONGE IRON BY A DIRECT REDUCTION OF IRON ORES IN A ROTARY KILN.

Applicant : METALLGESELLSCHAFT A.G., OF 16 FRANKFURT A.M., REUTERWEG, WEST GERMANY.

Inventors : 1. WOLFGANG SCHNABEL, 2. ERNST SCHEU, 3. HARRY SERBENT.

Application No. 705/Cal/82 filed June 18, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Calcutta.

5 Claims

In the process for the production of sponge iron by a direct reduction of iron ores in a rotary kiln, said process is characterized in that the exhaust gases from the rotary kiln containing combustible constituents are burnt at a temperature above their ignition temperature in an after burning chamber, supplying oxygen-containing gases to the afterburning chamber wherein part of the combustible constituents in the exhaust gases is burnt in each of a plurality of series connected stages

of the afterburning chamber, the oxygen-containing gases being supplied to each of the stages at a controlled rate, the gas which is about to enter each stage being cooled by injecting water to a temperature which is slightly above for example 50°C above the ignition temperature of the combustible constituents of the exhaust gases but below the caking temperature of fine dust entrained in the gas, said caking temperature depending on the entrained solids, the heat generated by such burning being utilized to preheat the feedstock of the process and/or producing hot water or steam required for carrying out the process.

Compl. specn. 10 pages.

Drgs. Nil.

CLASS : 4-B; 134-B.

157096

Int. Cl. : B 60 f 5/00.

AN AUTOMOBILE CAPABLE OF FLYING IN THE AIR AND ALSO USEFUL FOR ROAD AND LAND.

Applicant & Inventor : SYED QAISER HUSAIN, OF FLAT NO. 141, KARNANI, ESTATE, 209, ACHARYA JAGADISH CHANDRA BOSE ROAD, CALCUTTA-700017, WEST BENGAL, INDIA.

Application No. 1316/Cal/82 filed November 10, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims

An automobile capable of flying in the air and also useful for the road and land, comprising a chassis fitted with two wheels in the front and two wheels in the rear, an airfoil shaped, lift producing body, mounted on the chassis, the length to the breadth ratio of which is not less than 11 : 2, a propeller mounted on the front of the said body, adapted to be driven by an engine, mounted on the chassis inside the body, a transmission shaft and gear box provided in front within the body, a differential provided for driving a compressor through the rotary motion of the rear wheels available by the impulse of the airflow on the vane blades provided on the vane blades provided on the rim of the rear wheels when airborne, two pieces of wings adapted to be secured to the said body on its top roof surface near about the line of the centre of gravity when flight in air is desired but adapted to be folded and stored on the roof of the body when used on roads as an automobile, two vertical stabilizers one on the left side and one on the right side are integrally fitted at tail end of the body, a horizontal stabilizer provided on the top edges and resting on the said two vertical stabilizers, a rudder provided with each of the said two vertical stabilizers, an elevator provided at the rear end of the said horizontal stabilizer and adapted to be swivelled upwardly or downwardly for taking off for flight or for landing respectively, the said vertical stabilizers being of a height not more than the maximum height of the airfoil body, control mechanisms provided for varying the speed on ground and in flight and for landing.

Compl. specn. 31 pages.

Drgs. 2 sheets.

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REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entry is the date of registration of the design included in the entry.

Class 1. No. 155826 to 155829. Plaggio & C. S.p.A., Via A. Ceuchi, 6-GENOVA, Italy, Italian Company. "Motor scooter". July 10, 1985.

Class 1. No. 155824. Delhi Metal Industries, partnership firm, 11355, 1st floor, Idagh Road, New Delhi-110055, India. "Door Handle". July 10, 1985.

Class 1. No. 156134. United Works Pvt. Ltd., 32, Cesagrande, Little Bibby Road, Malabar Hill, Bombay-400006, Maharashtra, India. "Gas Regulator". October 15, 1985.

Class 1. No. 156222. United Copiers Pvt. Ltd., 204-205, Rattanjyoti, 18, Rajendra Place, New Delhi-110008, Indian Company. "Paper Shredding Machine". November 7, 1985.

Class 3. No. 156002. Pidilite Industries Pvt. Ltd. Regent Chambers, 7th floor, Nariman Point, Bombay-400021, Maharashtra, India, Indian Company. "Container". August 30, 1985.

Class 3. No. 156014. M. K. Enterprises, Indian Proprietary Firm, 9062/55, 1st floor, Ram Bagh Road, Ful Bangash, Azad Market, Delhi-110006, India. "Tank (Toy)". September 3, 1985.

Class 3. No. 156112. Peico Electronics and Electricals Ltd. Shivasagar Estate, Block "A", Dr. Annie Besant Road, Worli, Bombay 18 (WB), Maharashtra, India, Indian Company. "Stereo Radio Recorder". (without speakers). October 8, 1985.

Class 3. No. 156113. Peico Electronics and Electrical Ltd. Shivasagar Estate, Block "A", Dr. Annie Besant Road, Worli, Bombay 18 (WB), Maharashtra, India, Indian Company. "Stereo Radio Recorder". October 8, 1985.

Class 3. No. 155782. Eagle Flask Pvt. Ltd., Indian Company, Eagle Estate, Talegaon 410 507, Dist : Pune, Maharashtra, India. "Water Jug". June 24, 1985.

Class 3. No. 155783. Eagle Flask Pvt. Ltd., Indian Company, Eagle Estate, Talegaon 410 507, Dist : Pune, Maharashtra, India. "Flask". June 24, 1985.

Class 3. No. 155840 Rajnikant Pannalal Kothari, Indian National, 53-C, Mittal Court, Nariman Point, Bombay-400021, Maharashtra, India. "Container". July 17, 1985.

Class 3. No. 155841. Eagle Flask Pvt. Ltd., Indian Company, Eagle Estate, Talegaon 410 507, Dist : Pune, Maharashtra, India. "Flask". July 17, 1985.

Class 3. No. 155850 Vspur Enterprise, India House, No. 2, Flat No. 2, Kemp's Corner, Bombay-400 036, Maharashtra, Indian Proprietary Firm. "Air-Flour Separation Filter". July 19, 1985.

Class 3. No. 155911. Eagle Flask Pvt. Ltd., Indian Company, Eagle Estate, Talegaon 410 507, Dist : Pune, Maharashtra, India. "Vacuum Flask". August 5, 1985.

Class 3. No. 155945. Sureka International, Suite 12 (3rd floor), 71, Ganesh Chandra Avenue, Calcutta 700013 (W.B.), India, Indian Partnership Firm. "Electric Mosquito Destroyer". August 16, 1985.

Class 3. No. 155992. Sureka International, Suite 12, (3rd floor) 71, Ganesh Chandra Avenue, Calcutta 700013, W.B., Indian Partnership Firm "Spray Gun fitted with the bottle". August 26, 1985.

Class 12. Nos. 155954 & 155955. Britannia Industries Limited, 5/1A, Hungerford Street, Calcutta-700017, West Bengal, India, Indian Company. "Biscuit". August 16, 1985.

Class 12. No. 155952 Britannia Industries Limited, 1/1A Hungerford Street, Calcutta-700017, West Bengal, India, Indian Company. "Biscuit". August 16, 1985.

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Controller General of Patents, Designs and
Trade Marks